

FIG. 1 is a block diagram of a mobile communication system 10. The system 10 includes a Mobile Switching Center (MSC) 18, a Public Switched Telephone Network (PSTN) 20, and a set of base stations 12. The MSC 18 is connected to the PSTN 20 and the base stations 12. The base stations 12 are connected to a mobile station 16. The mobile station 16 is shown with a handset 24 and a base unit 22. The base stations 12 are represented by hexagonal cells, each containing a tower icon 14.

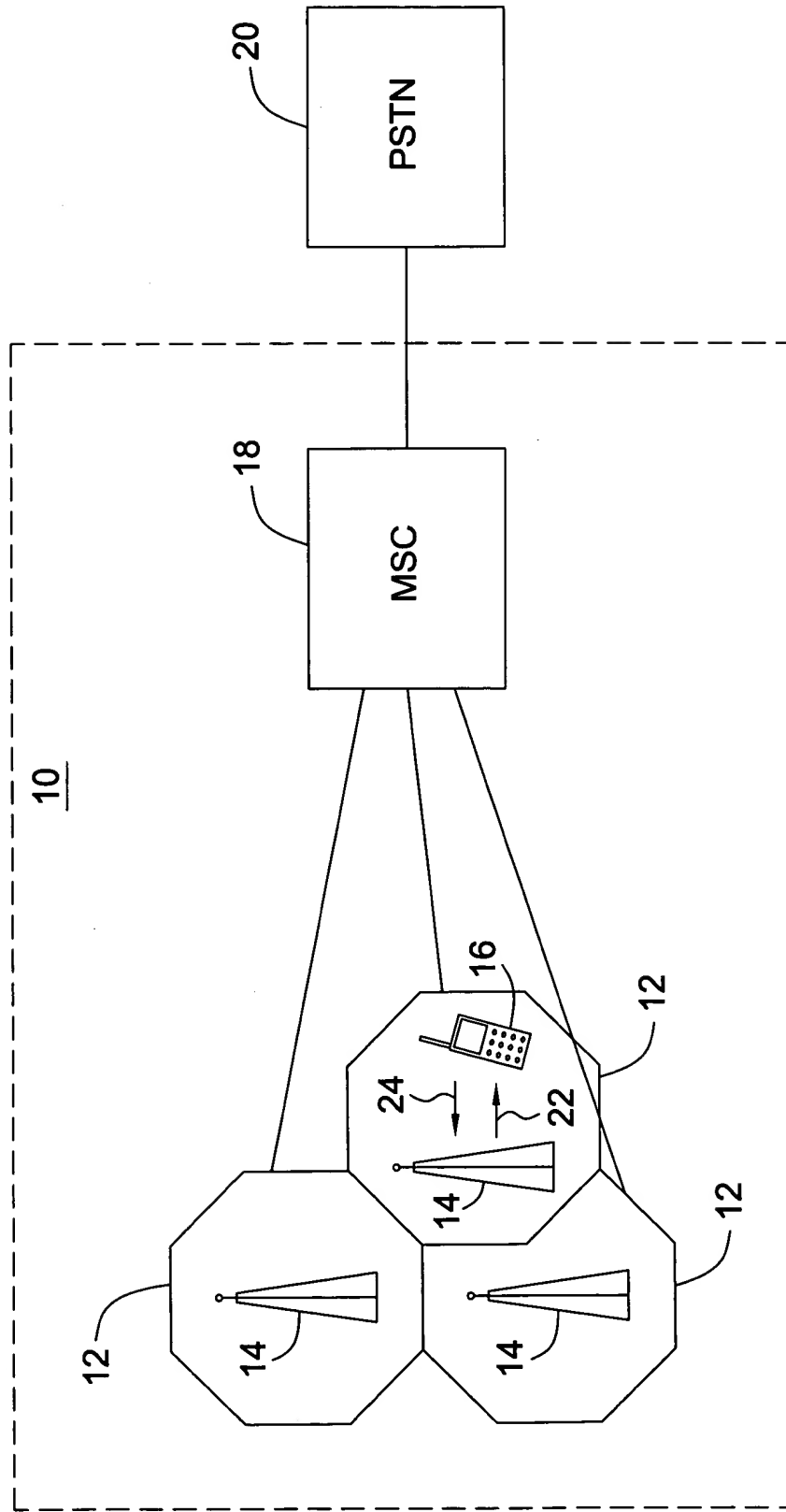


FIG. 1

FIG. 2 is a block diagram of a communication system 100. The system includes a base station 14 and a mobile unit 16. The base station 14 includes a control unit 100, software routines 102, an upper layer 140, a LAC layer 138, a MAC layer 136, a radio interface 122, a transmitter 124, a receiver 125, and an error detector 126. The mobile unit 16 includes a control unit 110, software 116, an upper layer 134, a LAC layer 132, a MAC layer 130, a radio interface 118, a transmitter 120, a receiver 121, and an error detector 123. The base station 14 and mobile unit 16 are connected via a radio link 22, 24.

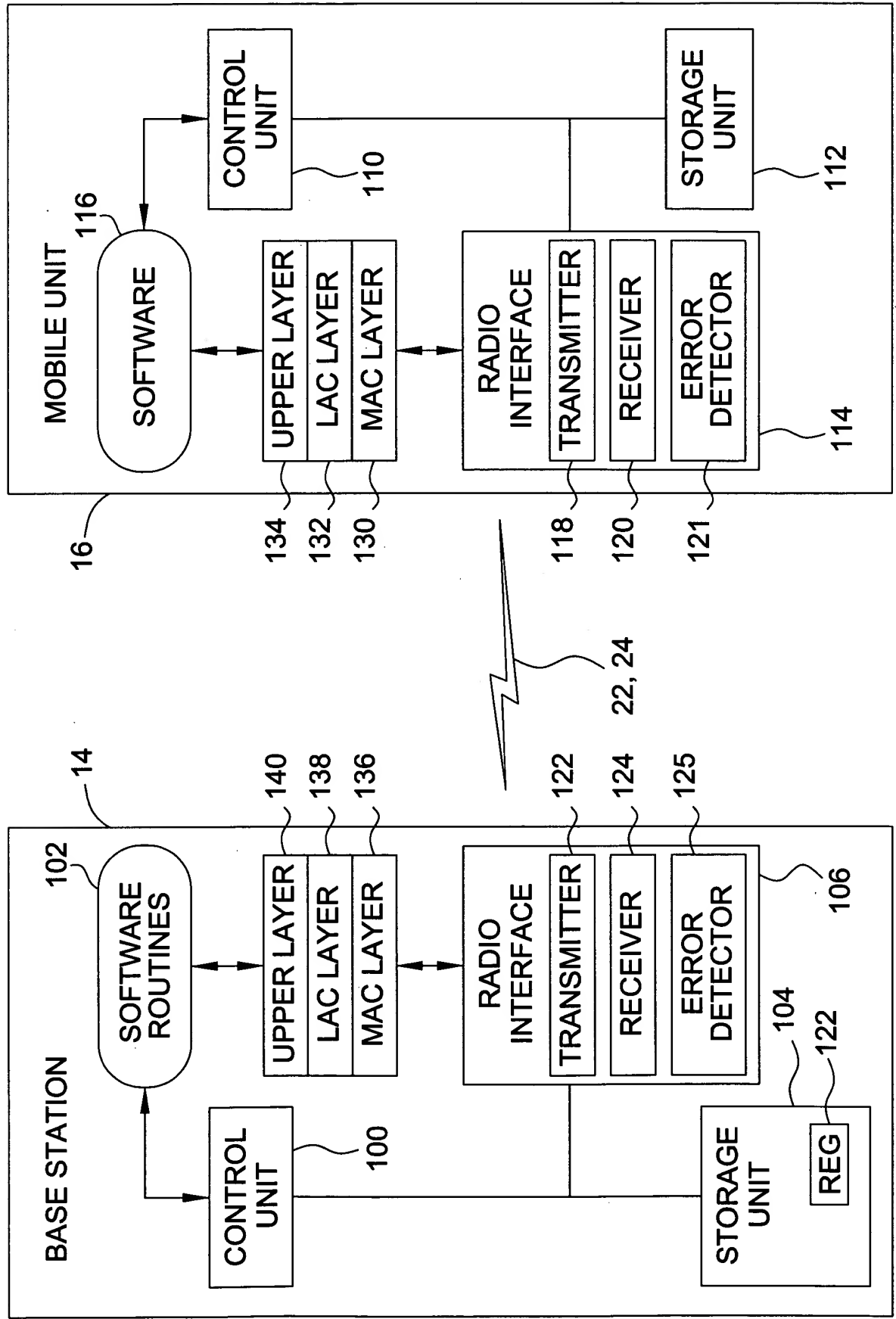


FIG. 2

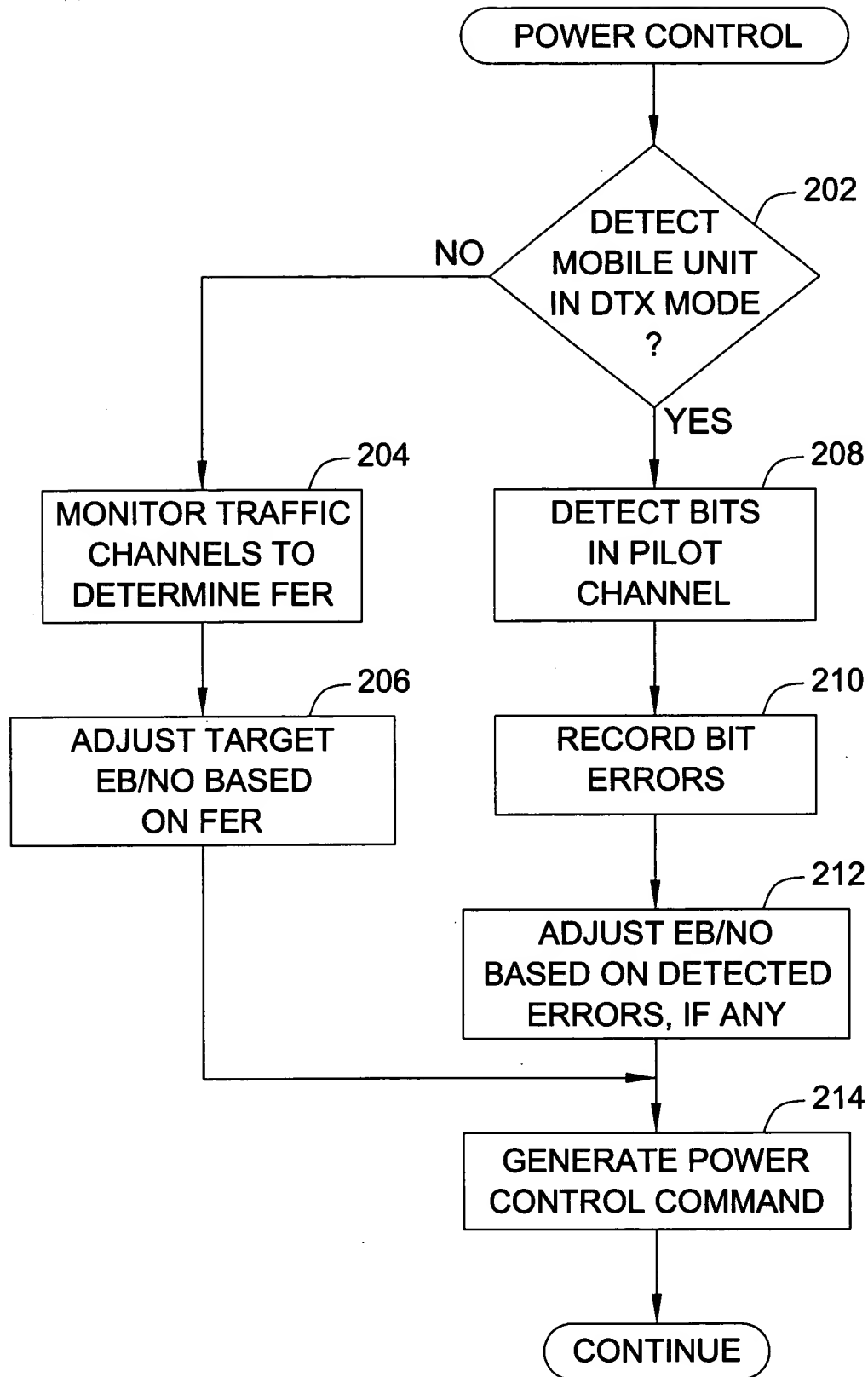


FIG. 3

FIG. 4A is a block diagram of a power control group 300. The power control group 300 includes a pilot 302 and a power control 304. The pilot 302 and the power control 304 are part of a 1 power control group.

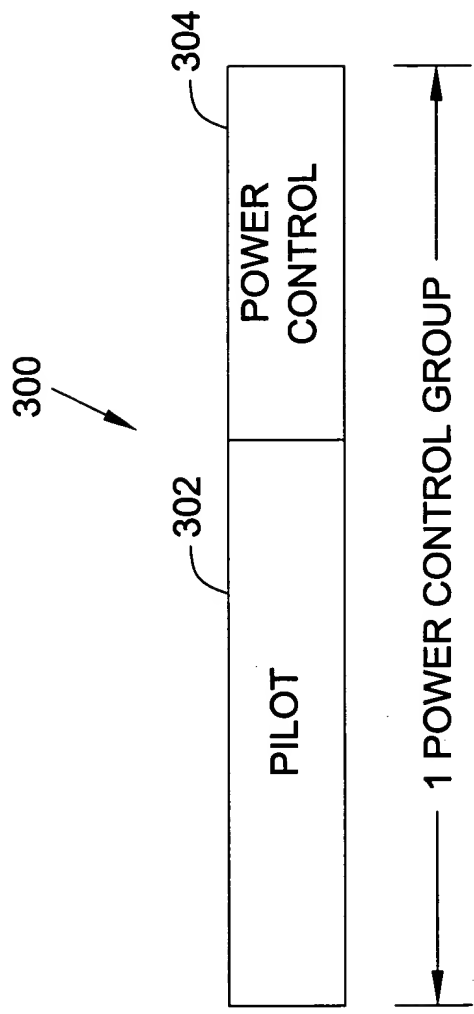


FIG. 4A

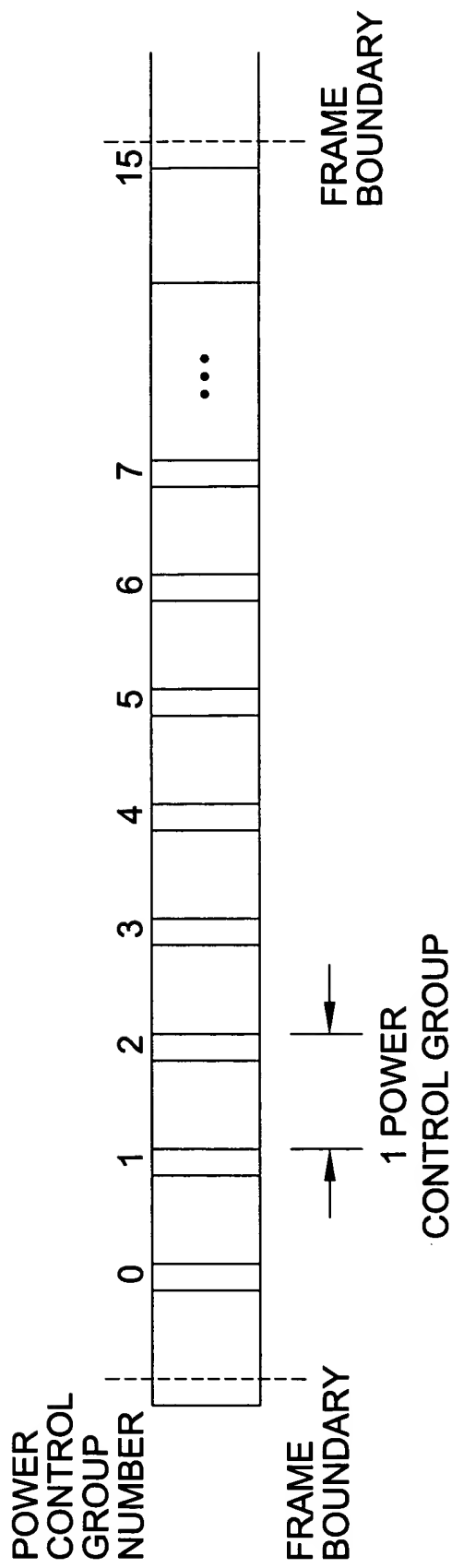


FIG. 4B